explore more

User Manual

Cyclo Series

The best
EXPERIENCE
in bicycle
navigation

Welcome

Thank you for purchasing this Mio. Please read this manual carefully before using your Mio for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.

Bold — Components or items displayed on screen, including buttons, headings, field names and options.

Italics — Indicates the name of a screen.

Disclaimer

Not all models are available in all regions.

Depending on the specific model purchased, the colour and look of your device and accessories may not exactly match the graphics shown in this document.

Mio operates a policy of ongoing development. Mio reserves the right to make changes and improvements to any of the products described in this document without prior notice. Mio does not warrant that this document is error-free. The screenshots and other presentations shown in this manual may differ from the actual screens and presentations generated by the actual product. All such differences are minor and the actual product will deliver the described functionality as presented in this User Manual in all material respects.

Copyright

© 2012 MiTAC International Corporation. Mio is either a registered trademark or trademark of MiTAC.

All brand and product names are trademarks or registered trademarks of their respective companies.

ANT+™ is a trademark of Garmin Ltd. or its subsidiaries.

Revision: R00

(04/2012)

Contents

Welcome 2
- Important information for using the manual 2
- Disclaimer 2
- Copyright 2

Contents 2

Knowing your device 3
- Main unit 3
- Accessories 4

Getting started 4
- Charging the battery 4
- Performing the initial start-up 5
- Connecting your device to the computer 5

Installing the device 6
- Mounting the device on your bike 6
- Installing the sensors on your bike 6
- Putting on the heart rate monitor 7

Operating basics 8
- Using the POWER button 8
- Using the touch screen 8
- Main menu 9
- The System icons 9
- Dashboard screens 9
- Keyboard screen 10

Starting navigation 11
- Navigating to Home 11
- Finding the location by Address 11
- Searching for a POI 12
- Searching for a location from the map screen 12
- Searching for a location using GPS coordinates 12
- Tracks 13
- Navigating to your Favorite 13
- Viewing the History 14

Surprise Me™ 14
Other navigating options 15
Workout mode 15
Workout by distance 15
Workout by time 16
Workout by calories 16
Customising your device 17
Maps 17
Routing 17
Sound 18
Sensors 18
Dashboard 18
Brightness 18
Profiles 19
GPS 19
Compass 19
Language 19
Date & Time 20
Units 20
Product Info 20
Managing data on the device 21
Installing MioShare 21
Sharing your experience on the Internet 21
For more information 21
Online support 21
Caring for your device 21
Troubleshooting 22
What is GPS? 22
IPX7 notice 23
Safety precautions 23
Regulatory information 23
WEEE 24

Knowing your device

Main unit

❶ POWER button

Turns your device on/off.

❷ Touch screen

- Displays the output of your device.
- Tap the screen with your fingertip to select menu commands or enter information.

❸ Mini-USB connector

Connects to the charger or USB cable.

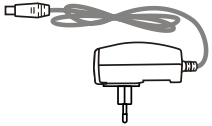
❹ Bike mount socket

For the device mount.

Accessories

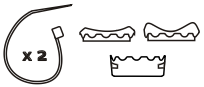
Your device comes with the following accessories:

Note: Depending on the specific model purchased, the colour and look of your device and accessories may not exactly match the graphics shown in this document.



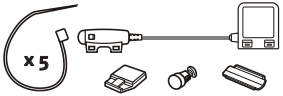
Power adapter

USB cable



Bike mount kit

Heart rate belt*
(ANT+™ sensor)



Speed and cadence sensor kit*
(ANT+™ sensor)

* May be sold separately and used for selected models only.

To use your device on a bike, ensure you use the specific bike mount kit that came with your device. Mio may provide optional accessories for specific models.

Please visit Mio website (www.mio.com) for information.

Information:
This device is ANT+ certified and is compatible with ANT+ sensor devices that support heart rate and combined bike speed & cadence data. For more information please visit: www.thisisant.com/modules/mod_product-directory.php

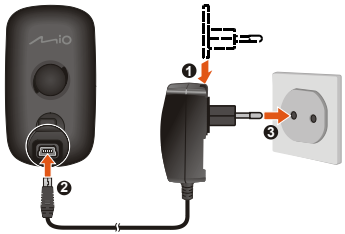
Getting started

Charging the battery

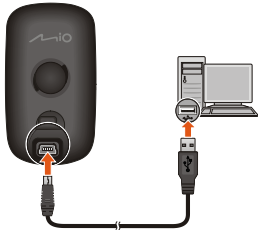
Your device has an internal battery that may not be fully charged when you purchase it. You should charge the battery for at least 8 hours before you start using it for the very first time.

To charge the battery:

- **Using a mains power socket**
  Plug the home charger cable into the USB connector on the back of your device and the mains power charger into the power socket.



- **Via the computer**
  Connect your device to the computer by using the provided USB cable. For more information, see "Connecting your device to the computer" in this section.

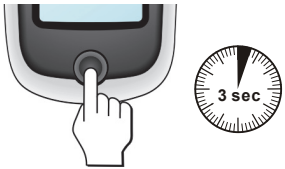


CAUTION: For optimal performance of the lithium battery, note the following:

- Do not charge the battery where the temperature is high (e.g. in direct sunlight). The battery will stop charging when the ambient temperature is less than -10ºC (14ºF) or more than 60ºC (140ºF).
- Recharge the battery when it is nearly discharged. When recharging, make sure that the battery is fully charged. Doing so can extend the battery life.
- If you will not use the product for a long period of time (over one month) or find the discharge/recharge time has been shortened, be sure to fully discharge the battery first before recharging it. You are also advised to fully discharge and recharge the battery once every 1~2 months.
- Failure to follow the battery usage instructions could cause damage to your device, battery and even bodily injury or property damage and will void the warranty.

Performing the initial start-up

1. Mount the device and accessories on to your bike. For more information, see the "Installing the device" section.
2. Press and hold the POWER button for 3 seconds to turn your device on.



3. Follow the prompts to personalise your device, including:
   - Select your preferred language.
   - Set the date and time.
   - Set the units format.
   - Create your user profile.
   - Calibrate the compass.
   - Activate the map.

   Tip: You can change these settings while using the device by tapping **Main menu > Settings**.

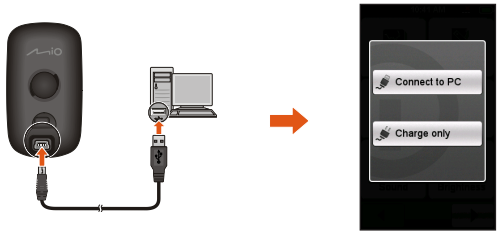
4. Enter the Startup Key (which is printed on the bottom of the box) and then tap **OK** to unlock your device. You will only have to do this the first time you use the device.
5. Once your device is turned on, it will search for satellite signals automatically. This may take several seconds depending on the location.

   When GPS is fixed, the GPS signal icon ( ) on the screen indicates the GPS status.

   Tip: Depending on your device model, it will also automatically scan and pair the heart rate monitor and cadence/speed sensor with the device. You can change these settings while using the device by tapping **Main menu > Settings > Sensors**.

Connecting your device to the computer

1. Turn on the computer.
2. Turn on your device. Connect the mini-USB end of the USB cable to the back of your device and the other end to a USB port on your computer.
3. Select the desired connection type from the pop-up message window:



- **Connect to PC:** Your device will be recognised as two external mass-storage drives: Mio_system and Mio_data. You can use Windows File Explorer to copy/move the files from the computer to your device. A USB Connection screen appears to prevent you from using your device.

  DO NOT delete any files that are pre-installed on the device. Deleting the files can cause the device to crash. Mio is not responsible for product quality caused by file deletion.
- **Charge only:** You will be able to continue using your device with the battery in charging mode via the computer.

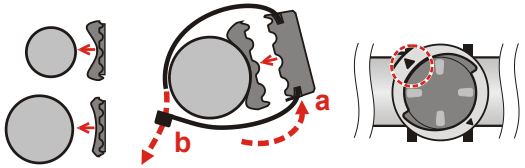
Installing the device

Follow the instructions in this section to mount the device and the cadence/speed sensor kit (for selected models only) on your bike. In addition, you will need to put on the heart rate monitor during your workouts.

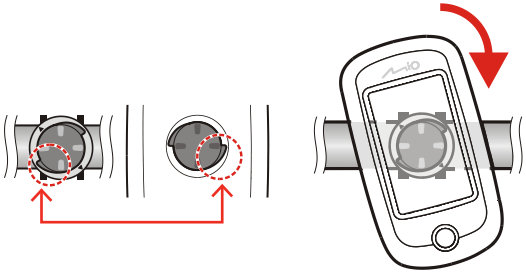
Mounting the device on your bike

The bike mount kit includes two types of rubber pads, allowing you to attach the bike mount to your bike securely.

1. Select the rubber pad that best fits the handle bars on your bike and then attach it using the two plastic straps.



2. Align the latch on the back of the device with the slot on the bike mount, and then rotate the device clockwise to lock the device to the bike mount.

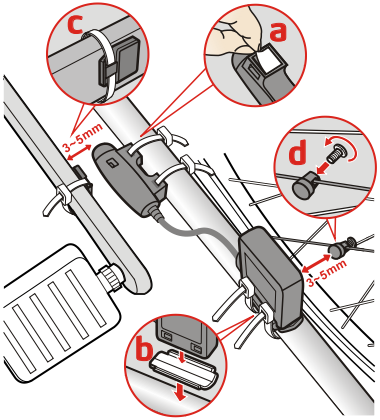


3. To remove the device from the bike mount, rotate it anticlockwise.

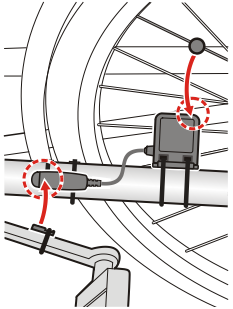
Installing the sensors on your bike

The cadence/speed sensor kit is used for selected models only.

1. Follow the instruction below to install the cadence/speed sensor kit on your bike.



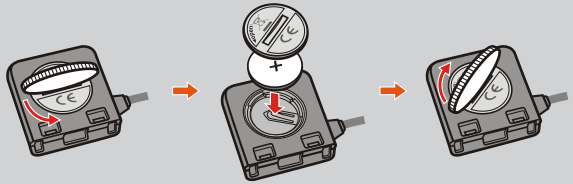
2. Ensure that the magnets are aligned with the sensing area on the sensors.



3. When done, you can manually pair the sensor with your device by tapping **Main menu > Settings > Sensors > Cadence/Speed Rescan**.

Information:
The cadence sensor contains a replaceable CR2032 battery. Follow the instructions below to replace the battery:

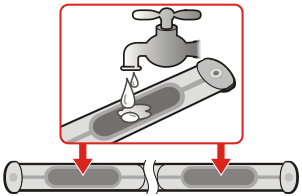
1. Locate the battery cover on the back of the sensor, and then twist the cover anticlockwise (e.g. by using a coin) to remove the cover and battery.
2. Insert the new battery into the battery chamber and replace the cover.
3. Twist the cover clockwise (e.g. by using a coin) to close the cover.



Putting on the heart rate monitor

The heart rate monitor is used for selected models only.

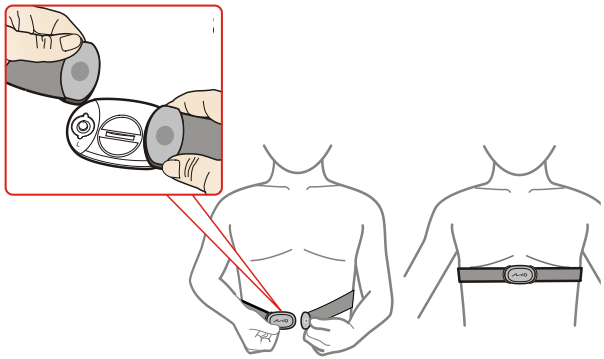
1. Before using the heart rate monitor, wet the contacts on the back of the chest strap.



Tip: If possible, you can also use an electrolyte gel (usually available in local running store) to ensure good contact.

2. Adjust the elastic strap so it's snug while you are putting it on. Ensure that you can take a good deep breath after putting on the strap.
3. Follow the instructions below to wrap the strap around your back, and then secure it on the other side with the buckle.

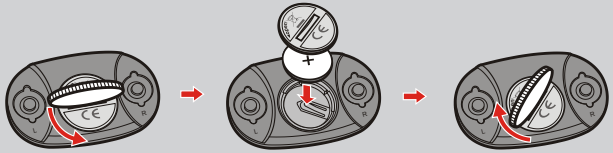
Tip: Putting on the heart rate monitor is like wearing a belt around your lower chest.



4. When done, you can manually pair the monitor with your device by tapping **Main menu > Settings > Sensors > Heart rate Rescan**.

Information:
The heart rate monitor contains a replaceable CR2032 battery. Follow the instructions below to replace the battery:

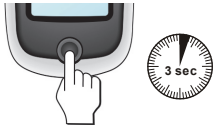
1. Locate the battery cover on the back of the monitor, and then twist the cover anticlockwise (e.g. by using a coin) to remove the cover and battery.
2. Insert the new battery into the battery chamber and replace the cover.
3. Twist the cover clockwise (e.g. by using a coin) to close the cover.



Operating basics

Using the POWER button

- **Turning on the device**
  For the initial start-up, press and hold the POWER button for 3 seconds to turn on your device.

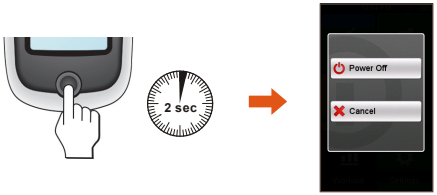


- **Resuming the device**
  Your device will automatically switch off the screen after 10 minutes (by default) of inactivity*. To resume the device, press the POWER button briefly.

  * A message window will pop up to ask you to select Power off, Suspend, or Cancel. The device will suspend automatically if you do not make a selection.

- **Navigating through the screens**
  While the device is turned on and you are navigating through the menu screens, press the POWER button briefly to return to the previous screen.
- **Turning off the device**
  Press and hold the POWER button for 2 seconds to pop up the *Power Off/ Cancel* screen. Choose **Power Off** to turn off the device or **Cancel** to continue operating the device.

  Tip: Press and hold the POWER button for 5 seconds to force power off if application doesn't have response.



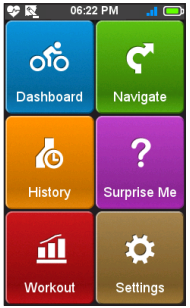
Using the touch screen

To operate your device, touch the screen with your fingertip. You can perform the following actions:

- **Tap**
  Quick touch the screen once to open menus or select onscreen button/ option.
- **Drag**
  While navigating on the map, tap and hold on the screen without releasing your fingertip to move the map to the desired position.

Main menu

The Main menu is your starting place for various tasks, providing quick access to applications and settings. Tap a button to start a task or open another menu.



Icon	Description
	The Dashboard displays the view of functions, including the compass/navigation screen and the workout screen (when a workout has been selected).
	Start to plan your route by selecting the locations, such as home, address, tracks, POI, coordinate, favourite, etc.
	Your trip/training can be saved in the history records. When your ride is finished, you can check the history data such as date/time, distance, speed, altitude, etc.
	Based on distance or time, the device will plan 3 routes for you to choose from.
	You can set workouts by entering your goals, such as by distance, by time, or by calories.
	There are various customisation options available to enhance your cycling experience. You can customise the system settings, user profiles and more.

The System icons

The title bar on the top of the screen provides the System icons that indicate the device's status.

Icon	Description
	The Heart rate icon will display when the heart rate monitor* is paired with the device.
	The Cadence/speed icon will display when the cadence/speed sensor* is paired with the device.
	The GPS signal icon indicates the GPS status.
	The Battery icon indicates the remaining battery power.

* For selected models only.

Dashboard screens

The Dashboard provides the extended screens that can be used to assist you in your travels, trainings, and workouts. The layout of the dashboard screens can be customised to display the information (e.g. speed, distance, time, calories, etc.) you want to know.

Note: Depending on your device model, certain information may not be available on the Dashboard screens.

Tip: To learn how to customise the Dashboard screens, see "Dashboard" in the "Customising your device" section.

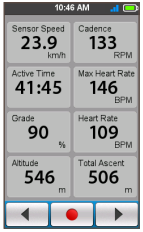
- To access the Dashboard, tap from the *Main menu* screen.
- The Dashboard function is made of screens placed next to each other: training information, navigation/compass, and workout (when started) screens. Tap / to change between the Dashboard screens.
- When the navigation/workout is in progress, you can record the data by tapping .

  During recording, you can stop/pause it by tapping and then selecting the **Stop/Pause** option when prompted; otherwise, select **Cancel** to continue recording.

Information screen 1

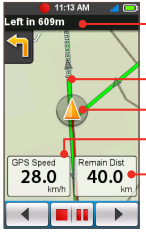
- GPS Speed
- Heading
- Average speed
- Maximum speed
- Distance
- Calories
- Active time
- Grade

Information screen 2

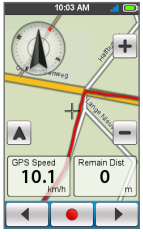


- Sensor speed
- Cadence
- Active time
- Maximum heart rate
- Grade
- Heart rate
- Altitude
- Total ascent

Navigation/Compass screen



Direction and distance of next turn
Current route
Current position
GPS speed
Distance to go



The Compass is displayed only when navigation has stopped to indicate your direction.

Tips:

- When you are recording the route, the recorded track will be displayed as red on the map.
- Tap on the map briefly to display the zoom buttons (− / +), allowing you to zoom in or out the *Navigation/Compass* screen.
- You can navigate the map anywhere by dragging and then moving the map. While navigating the map, tap ▲ to display your current position on the centre of the map.

Workout screen

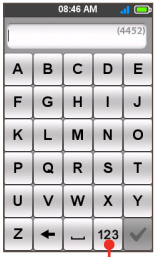
- Distance/time/calories to go
- Sensor speed
- Grade
- Average speed
- Heart rate
- Distance
- Calories

Keyboard screen

The *Keyboard* screen will display when you are required to enter text, such as when searching for a street name. Search results will be listed in matching order, with the closest matches appearing on the screen. The *Keyboard* screen can display with various layouts depending on the information you need to enter.

The keyboard features the "Predictive text" technology that allows addresses to be searched easily and quickly. As you enter a letter of an address, your device will compare all possible combinations against the maps.

Example: entering the street name while searching for an address



Tap to switch between the ABC keyboard and Numeric keypad.

ABC keyboard

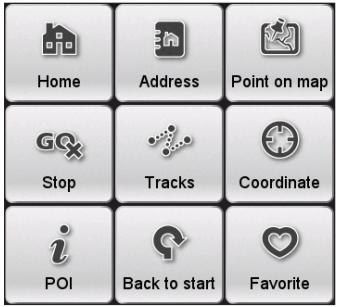
Numeric keypad

- Tap the keys to enter letters or numbers.
- Tap ← to delete the character.

Starting navigation

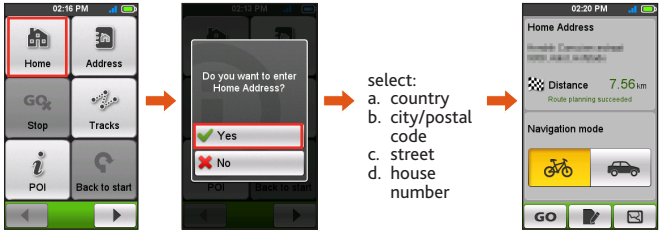
Your device is equipped with maps that provide street-level detail for navigation, including POIs (Point of Interest) such as bike stores, restaurants, points of emergency, and more. The Navigate wizard allows you to search the location easily.

To access the Navigate wizard, tap **Main menu > Navigate**.Tap ◀ / ▶ to scroll through the Navigate wizard screens.



Navigating to Home

If you have not set an address as Home, the first time you try to navigate to Home you will be prompted to search for an address using the Home setup wizard.



Once your home location has been set on the device, simply tap **GO** on the screen and you will be directed to Home quickly.

Tip: On the *Searching Result* screen, you can select the **Bike** navigation mode ( ) or **Car** navigation mode ( ) to plan your route. Please note the **Car** navigation mode will only change the route by using roads appropriate for a car (e.g. the motorways or highways), and it will not provide additional information for driving such as traffic status and speed limits.

Editing the home location

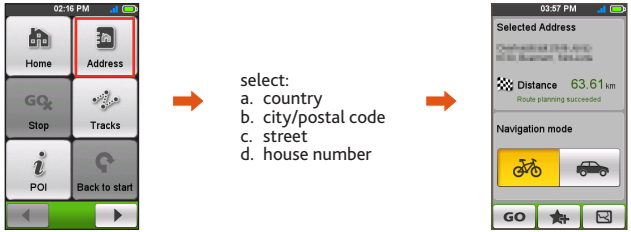
1. On the *Searching Result* screen, tap .
2. You can change the home location by tapping the Country, City/Postal Code, Street, and House Number fields.
3. When done, tap **GO** to return to the *Home Address* screen.

Previewing the route

1. On the *Searching Result* screen, tap .
2. The route to the destination will be displayed on the screen.
3. Tap **GO** to start navigating.

Finding the location by Address

By using the Navigate wizard, there are several ways to select your destination. For example, you can find the location by searching for an address.



When searching is complete, do one of the following:

- Tap to display the route to the destination.
- Tap **GO** to start navigating.

Searching for a POI

POI (Point of Interest) is a named site, feature, landmark or public venue which can be displayed as an icon on the map. POIs are grouped by category, such as bike stores, restaurants, shopping centres, and more. The device displays the POIs within a range of 25 Km from your current position.

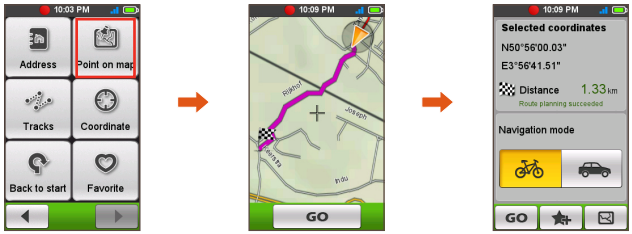
Note: The POI(s) that you have searched previously will be displayed when you tap i from the *Navigate* screen. Simply tap the searched POI or tap **New** to find the other POIs.

When searching is complete, do one of the following:

- Tap ✉ to display the route to the destination.
- Tap **GO** to start navigating.

Searching for a location from the map screen

You can set the destination simply by pointing to it on the *map* screen.



When searching is complete, do one of the following:

- Tap ✉ to display the route to the destination.
- Tap **GO** to start navigating.

Searching for a location using GPS coordinates

You can manually input the coordinates of your target destination. Tap the **Latitude** and **Longitude** fields to enter the coordinates of the location.

While entering the GPS coordinates, you can:

- Tap the **Coordinate format** option to change the input method for the Latitude/Longitude coordinate.
- Tap N/S to change between North and South.
- Tap E/W to change between East and West.

When searching is complete, do one of the following:

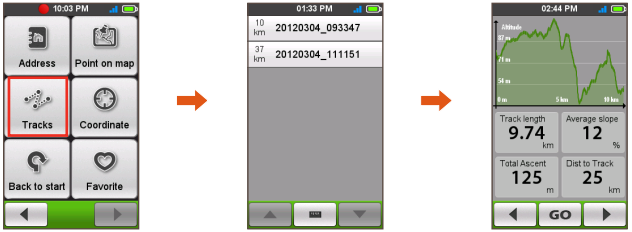
- Tap ✉ to display the route to the destination.
- Tap **GO** to start navigating.

Tracks

Tracks are the recorded routes that give the best experience for cycling provided by other users and official institutes.

Note: If there is no track downloaded, you can download tracks from Mio Share at: http://mioshare.com

1. Tap **Tracks** on the *Navigate* screen and then you can navigate and choose from individual tracks downloaded to your device.



Tip: Tap the **Sort by** button at the bottom of the screen to change the sorting order of the entries: [ ] : by distance; [A→Z] / [Z→A] : by name

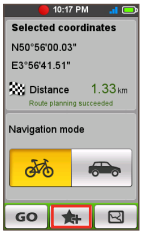
2. Do one of the following:
   - Tap [◀] / [▶] to display more information of the track.
   - Tap **GO** to start navigating.

Navigating to your Favorite

Favorite has all your saved locations.

Saving the location as a favourite

1. On the *Searching Result* screen, tap [★+].



2. Tap **Yes** when prompted. The location has been added to **Favorite**.

Navigating to the location in Favorite

1. Tap **Favorite** on the *Navigate* screen and the device will display a list of your previously saved destinations. Tap [▲] / [▼] to display more entries (if available) in the list.

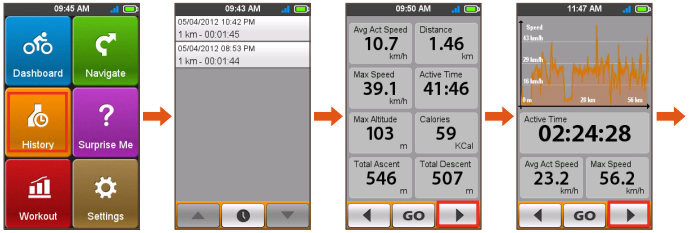
Tip: Tap the **Sort by** button at the bottom of the screen to change the sorting order of the entries: [🕐] : by time; [A→Z] / [Z→A] : by name

2. Do one of the following:
   - Tap [✉] to display the route to the destination.
   - Tap **GO** to start navigating.

Viewing the History

Your device will automatically save the history as the timer starts. History includes date, time, distance, average speed, and altitude.

To view the history data, tap from the *Main menu* screen and then select an entry from the list. Tap / to view details of the trip (or training).



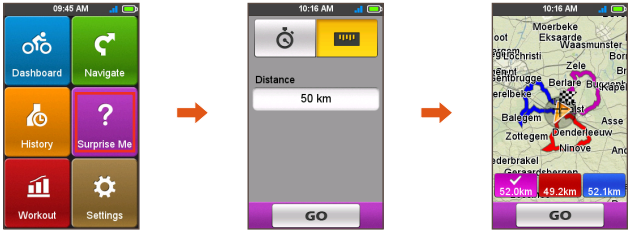
Tip: Tap **GO** to start navigating.

Surprise Me™

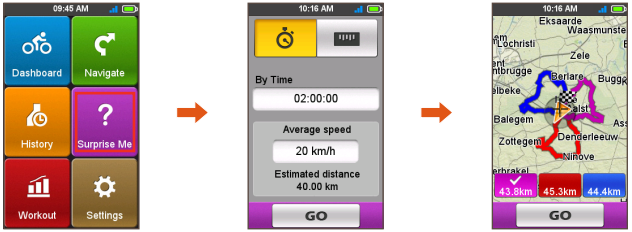
The device features the "Surprise Me" function that will offer you three exciting routes around your location. It generates the routes from your current location and the start/end point will be the same as your current location.

Note: If you've already taken a route from the same location, the device will try to propose you different routes, based on the possible and available roads around your current location. This way you will always be offered different routes to choose.

1. Tap from the *Main menu* screen and then you can select the route by:
   - **Distance**



   - **Time**



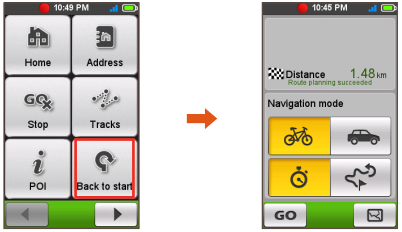
   Tips:
   - While generating the routes, you can assign the desired amount of distance/time to ride in the **Distance/By Time** field.
   - While generating the routes using **Time** mode, you can set the estimated average speed of your trip in the **Average Speed** field. The device will calculate the estimated distance of it.

2. On the *Searching Result* screen, select one route (by colour buttons) and then tap **GO**.

Other navigating options

Going back to start

The Back to start function enables the device to navigate you back to the starting point after you have reached the destination or completed your ride.



In the Navigation mode field, you can:

- Select the **Bike** navigation mode ( ) or **Car** navigation mode ( ) to plan your route.
- Select the **Fastest** mode ( ) to navigate you there in the fastest way possible, or **Backtracking** mode ( ) to guide you back the way you came.

Stopping navigation

To stop navigation for your ride, tap on the *Navigate* screen.

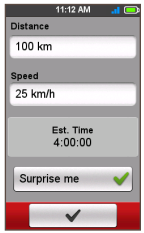
Workout mode

Cycling is a good aerobic fitness exercise that helps you to burn your calories, lose weight and increase your overall fitness. Workout mode of the device allows you to set workouts by entering your goals: **Distance**, **Time**, or **Calories**.

Workout by distance

Workout by distance is the perfect tool if you want to set how long the workout session should be exactly

1. Tap from the *Main menu* screen and then select the **Distance** option.
2. Complete the following:



- In the **Distance** field, set the desired distance to go.
- In the **Speed** field, set the estimated average speed of your trip to calculate the estimated time of it.

  The estimated time of workout session will be calculated and shown in the **Est. Time** field.
- Enable or disable Surprise Me.

  Tip: For more information about Surprise Me, see "Surprise Me" in the "Starting Navigation" section.

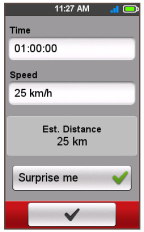
3. Tap to start your workout.

   You can monitor the workout status through the Dashboard screens, and the device will notify you when you've reached your target.

Workout by time

Workout by time is the perfect tool if you want to set how much time you would like to spend on the workout.

1. Tap from the *Main menu* screen and then select the **Time** option.
2. Complete the following:



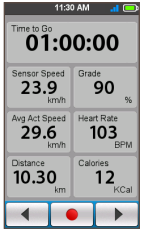
- In the **Time** field, set the desired time to go.
- In the **Speed** field, set the estimated average speed of your trip to calculate the estimated time of it.

  The estimated time of workout session will be calculated and shown in the **Est. Time** field.
- Enable or disable Surprise Me.

  Tip: For more information about Surprise Me, see "Surprise Me" in the "Starting Navigation" section.

3. Tap to start your workout.

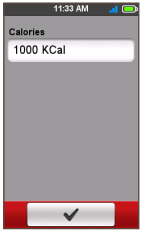
   You can monitor the workout status through the Dashboard screens, and the device will notify you when you've reached your target.



Workout by calories

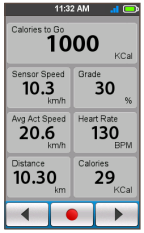
Workout by calories allows you to set the amount of calories you want to burn during the workout.

1. Tap from the *Main menu* screen and then select the **Calories** option.
2. In the **Calories** field, set the desired amount of calories to burn in the workout.



3. Tap to start your workout.

   You can monitor the workout status through the Dashboard screens, and the device will notify you when you've reached your target.



Customising your device

There are various customisation options available to enhance your navigation and cycling experience. With the Settings menu, you will be able to customise your device such as the system settings, sensor settings, user profiles, map settings, and more.

To access the Settings menu, tap **Main menu > Settings**.Tap ◄ / ► to scroll through the Settings menu screens.

Note: Depending on your Mio model, certain setting options may not be available.

- While changing the settings, the check mark (✓) next to the option button indicates the setting status.

  Example: Auto Zoom ✓ : on/enabled Auto Zoom : off/disabled

- When the settings have been changed, tap ✓ at the bottom of the screen to complete and return to the previous screen.

Maps

- **Auto Zoom:** Enable or disable automatic zooming during navigation.

  If selected, the *Map* screen will automatically zoom in or out, depending on your speed, to allow optimal viewing of your route.

- **Orientation:** Select orientation of map display.

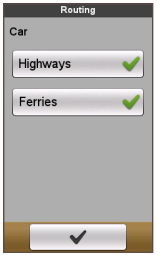
  Track Up — The direction you are travelling in will display at the top of the *Map* screen.

  North Up — Always display North at the top of the *Map* screen.

- **Bike Map:** Select the preferred set of maps to load: **OSM** (Open Street Map) or **Tele Atlas**.

  Note: The Car navigation mode is always performed using Tele Atlas maps.

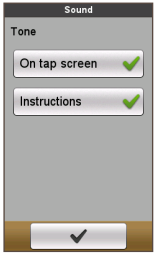
Routing



While in Car navigation mode, you can set to avoid the highways and ferries in the calculated route.

Tap the **Highways/Ferries** option to enable or disable the function.

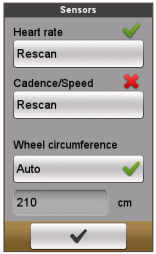
Sound



- **On tap screen:** Enable or disable the feedback sound while tapping on the screen.
- **Instructions:** Enable or disable the sound while getting instructions.

Sensors

Note: This setting option is for selected models only.



- **Heart rate:** Tap Rescan to scan and pair the heart rate monitor manually.
- **Cadence/Speed:** Tap Rescan to scan and pair the cadence/speed sensor kit manually.

  Note: The check mark ( ) next to the option indicates that the monitor/sensor is connected successfully.
  Once connected, the **Heart rate icon** ( ) / **Cadence/speed icon** ( ) will display in the title bar.
- **Wheel circumference:** Your cycling speed can be calculated through the cadence/speed sensor only when knowing the wheel circumference from where the sensor is mounted.

  Wheel size can be auto calculated by connecting the sensor and cycling for a while. The calculated value will be displayed in the field under the option.

  You can also set the value manually. Disable the option and then tap the value field to enter the setting.

Dashboard

In the *Dashboard Layout Change* screen, you can change the layout of the following screens:

- Information screen 1 & 2
- Navigation/Compass screen
- Workout screen
- History screen

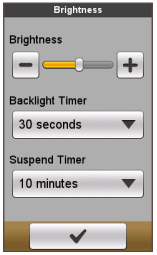
To change the screen layout:

a. Tap the corresponding button in the Dashboard Layout Change screen.

b. The number displayed at the bottom of the screen indicates the data fields (e.g. speed, distance, time, calories, etc.) included in the target screen.

c. Tap the numeric button and then select from the available number of data fields to display.

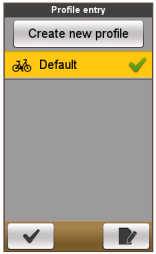
Brightness



- **Brightness:** Drag the slider to the left to decrease the screen brightness or to the right to increase the screen brightness.

  Tip: You can also decrease/increase the screen brightness by tapping / .
- **Backlight Timer:** Tap the option to select how long (from **15 seconds** to **Never**) the display screen remains lit after you press the POWER button.
- **Suspend Timer:** Tap the option to select how long of inactivity (from **10 minutes** to **Never**) will suspend the device.

Profiles

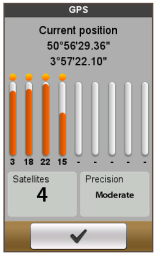


The *Profile entry* screen displays the existing profile(s).

- You can set up to 6 profiles on the device.
- Tap **Create new profile** and enter the personal data (including Name, Birth date, Weight, Gender, and Bike Type*) to create a new profile entry.

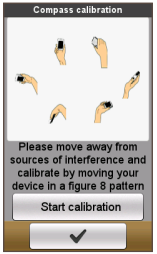
  * You can select the Bike Type as **City bike**, **Mountain bike**, or **Race bike**. The system will create different routes depending on the bike type. For example, Mountain bike will use unpaved routes which will be avoided by using Race bike.
- Select an existing profile entry and tap to edit the data of the entry.

GPS



The *GPS* screen displays the quality of the GPS signal in detail. You can see the number of satellites, your current position, and the strength of the signals.

Compass


Compass calibration
Please move away from sources of interference and calibrate by moving your device in a figure 8 pattern
Start calibration

The Compass calibration function allows you to calibrate the built-in compass of the device.

To calibrate the compass:

a. Move away from any sources of interference such as microwave oven and magnetic devices.

b. Tap **Start calibration**.

c. Move the device by waving your arm in a figure ∞ pattern (as shown on the screen) for several seconds.

d. When done, the message "Compass calibration succeeded" will appear on the screen.
If you see the message "Compass calibration failed", redo the movement again until calibration succeeds.

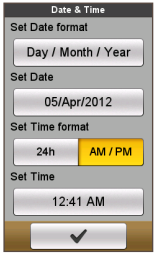
Note: While using the built-in electronic compass, place the device away from the objects that generate magnetic fields, such as electric appliances, magnets or high-voltage tower. This might cause your device point to the wrong direction.

Language

You can select the preferred language displayed for the menus and other interface features while operating the device.

From the *Language* screen, tap on the language you want to use.

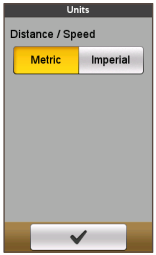
Date & Time



The *Date & Time* screen lets you set the correct date and time settings for the system.

- **Set Date format:** Tap the button to select the displayed date format: **Day/Month/Year**, **Month/Day/Year**, or **Year/Month/Day**.
- **Set Date:** Tap the button and then adjust the day/month/year by tapping + / − in the corresponding fields. When done, tap ✓.
- **Set Time format:** You can set the displayed time format as 12-hour or 24-hour by tapping the **24h** or **AM/PM** button.
- **Set Time:** Tap the button and then adjust the hour/minute by tapping + / − in the corresponding fields. When done, tap ✓.

Units



The *Units* screen lets you select **Metric** or **Imperial** according with your preferences.

Product Info

The Product Info screen provides the general information of the device, including software and ROM versions, the End User License Agreement, and copyright information.

It also allows you to reset the device to the factory default settings by tapping **Back to factory**.

Managing data on the device

Your device comes with a PC utility, MioShare, that allows you to register your device, update softwares and maps, share experience, and more.

Installing MioShare

Note: Make sure you have an active Internet connection for this feature.

1. Turn on the computer.
2. Turn on your device and then connect it to the computer. When prompted, select the **Connect to PC** option.
3. Find the setup file "MioShare_Setup.exe" under Mio_system.
4. Double-click the setup file and then follow the prompts to complete the installation.
5. After installation, the **Mio Cyclo** icon ( ) will appear in the Windows system tray.
6. To update/transfer data, right-click on the Mio Cyclo icon and then select the desired option from the pop-up menu.

   Note: Do not disconnect your device from the computer while transferring data.

Sharing your experience on the Internet

By using MioShare, you can easily share your experiences with other cyclists around the world through the Internet when your device is connected to the computer. For more information, visit: http://mioshare.com/

For more information

Online support

For 24/7 help and support with Mio products, visit our Technical Support website at: www.mio.com

Caring for your Mio

Taking good care of your Mio will ensure trouble-free operation and reduce the risk of damage to your Mio:

- Keep your Mio away from excessive moisture and extreme temperatures.
- Avoid exposing your Mio to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your Mio or drop objects on your Mio.
- Do not drop your Mio or subject it to severe shock.
- Do not subject your Mio to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your Mio. In the event of moisture condensation, allow your Mio to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your Mio when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your Mio.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your Mio. Disassembly, modification or any attempt at repair could cause damage to your Mio and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your Mio, its parts or accessories.
- Do not expose your Mio to extreme heat or direct sunlight for prolonged periods. Overheating may damage your Mio.

About your heart rate monitor and accessories:

- Clean with a mild soap and water solution, dry with towel.
- Do not use alcohol or any abrasive material when cleaning the accessories.
- Rinse the strap under running water.
- Do not expose the accessories to extreme heat or direct sunlight for prolonged periods.
- Store the accessories in a cool and dry place.
- The estimated average battery lifespan of the accessories is 2 years. If your accessories stops working, replace with a new battery.
- Remove the battery from the accessories before long-term storage.

Troubleshooting

Problems	Solutions
Your Mio does not turn on when using battery power.	The remaining battery power may be too low to run your Mio. Charge the battery.
Screen responds slowly.	Make sure that your Mio is not running out of battery power. If the problem still persists, reset your Mio.
Screen freezes.	Restart your Mio.
Screen is hard to read.	Make sure that the backlight of the display is set to a high-enough brightness.
Cannot establish a connection with a computer.	Make sure that your Mio and your computer are both turned on before trying to establish a connection. Make sure that the cable is securely plugged into the USB port on your computer and on your Mio. Connect the USB cable directly to your computer — do not run the cable through a USB hub. Reset your Mio before connecting the cable. Always disconnect your device before you restart your computer.

Note: If you encounter a problem you cannot solve, contact an authorised service centre for assistance.

What is GPS?

The Global Positioning System (GPS) is available at any time, free of charge, and is accurate to within 5m (15ft). GPS navigation is made possible by a network of satellites that orbit the Earth at around 20,200km (12,552mi). Each satellite transmits a range of signals which are utilised by GPS receivers, such as your Mio, to determine an exact location. Although a GPS receiver can detect signals from up to 12 satellites at any time, only four signals are required to provide a position or "GPS fix" (latitude and longitude), for vehicle navigation systems.

Your Mio receives GPS signals via the internal GPS antenna. To guarantee the optimum GPS signal strength, ensure your Mio is outdoors, or in a vehicle outdoors, and has an unobstructed view of the sky. GPS reception is not usually affected by weather, however, very heavy rain or snow may have a negative effect on your reception.

CAUTION:

- It is your sole responsibility to place, secure and use your Mio in a manner that will not cause accidents, personal injury or property damage. Always observe safe driving practices.
- On main roads, the distance to an exit calculated by your Mio may be further than the distance shown on road signs. Road signs show the distance to the start of an exit while your Mio shows the distance to the next intersection, i.e., the end of the exit ramp or road. To prepare to exit a road, always follow distance information on road signs.
- Mio products are designed to be used as an aid to safer driving. Mio does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive in a careful manner. Mio accepts NO liability whatsoever for you receiving any speeding fines or points on your license through using this device. Mio does not guarantee the accuracy of the data contained within this database either expressed or implied. In the event you receive a fine or any other penalty for speeding or contravention of any traffic law, or are involved in an accident, Mio is not responsible for any damages of any type. In some countries the data information regarding speed limits may conflict with local law and/or regulations. It is your responsibility to make sure that your use of the data is in compliance with local laws and/or regulations. Usage is at your own risk.

IPX7

The IEC 60529/IPX7 is a European system of test specification standards for classifying the degrees of protection provided by the enclosures of electrical equipment. An IPX7 designation means that the unit withstands immersion in one meter (approx 3ft) of still water for up to 30 minutes. Mio guarantees this grade provided the battery door and all jack covers are properly and securely closed. Mio Cyclo is not IPX8 grade; water-pressure such as washing the unit with running water may cause damage to the unit and voids warranty.

Safety precautions

- **About charging**
  - Use only the charger supplied with your device. Use of another type of charger will result in malfunction and/or danger.
  - This product is intended to be supplied by a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 5 V dc / 1.0 A".
  - Use a specified battery in the equipment.
- **About the charger**
  - Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
  - Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.
  - Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
  - Do not use the charger if the cord becomes damaged.
  - Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.
- **About the battery**
  - Use a specified battery in the equipment.

    CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
  - Important instructions (for service personnel only)
    - **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
    - Replace only with the same or equivalent type recommended by the manufacturer.
    - The battery must be recycled or disposed of properly.
    - Use the battery only in the specified equipment.

Regulatory information

For regulatory identification purposes, Mio Cyclo 300/305 is assigned a model number of N402.

Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this section. Some notices apply to specific models only.

CE

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Standards:

EN 301 489-1: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

EN 301 489-17: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

EN 55022: Radio disturbance characteristics

EN 55024: Immunity characteristics

EN 61000-3-2: Limits for harmonic current emissions

EN 61000-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system

IEC 60950-1:2005: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of Conformity

Hereby, Mio Technology declares that this N402 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WEEE

This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.